

What is claimed is:

1. An ink reservoir comprising:
at least one compartment; and
first and second vents that communicatively couple the compartment to an
atmosphere surrounding an exterior of the ink reservoir.
2. The ink reservoir of claim 1, further comprising a capillary medium located within the
compartment for containing ink and acting to prevent the ink from leaking through an
outlet of the ink reservoir.
3. The ink reservoir of claim 2, wherein the capillary medium is of a hydrophilic
material.
4. The ink reservoir of claim 3, wherein a fiber direction of the hydrophilic material is
substantially perpendicular to the first and second vents.
5. The ink reservoir of claim 1, wherein the first and second vents are labyrinth vents.
6. The ink reservoir of claim 1, wherein the first and second vents are disposed in a
cover of the ink reservoir.
7. The ink reservoir of claim 6, further comprising a third vent disposed in a wall of the
ink reservoir that is opposite the cover, wherein the third vent communicatively
couples the compartment to the atmosphere surrounding the exterior of the ink
reservoir.

8. The ink reservoir of claim 1, wherein the first vent is disposed in a cover of the ink reservoir and the second vent is disposed in a wall of the ink reservoir that is opposite the cover.
9. An ink reservoir comprising:
at least one compartment; and
first and second labyrinth vents, the first and second labyrinth vents respectively comprising first and second vent holes passing through the ink reservoir and into the compartment and first and second elongated vent paths that respectively communicatively couple the first and second vent holes to an atmosphere surrounding an exterior of the ink reservoir.
10. The ink reservoir of claim 9, further comprising a capillary medium located within the compartment for containing ink and acting to prevent the ink from leaking through an outlet of the ink reservoir.
11. The ink reservoir of claim 9, wherein the first and second elongated vent paths each comprise a groove disposed in an exterior surface of the ink reservoir covered by a seal.
12. The ink reservoir of claim 11, wherein the seal closes the first and second vent holes at the exterior surface.
13. The ink reservoir of claim 9, wherein the first and second vents are disposed in a cover of the ink reservoir.
14. The ink reservoir of claim 9, wherein the first vent is disposed in a cover of the ink reservoir and the second vent is disposed in a wall of the ink reservoir that is opposite the cover.

15. The ink reservoir of claim 14, further comprising a third labyrinth vent disposed in the cover of the ink reservoir, the third labyrinth vent comprising a third vent hole passing through the cover of the ink reservoir and into the compartment and a third elongated vent path that communicatively couples the third vent hole to the atmosphere surrounding the exterior of the ink reservoir.
16. An ink reservoir comprising:
 - a body comprising at least one compartment;
 - a cover disposed on the body;
 - a first labyrinth vent disposed in the cover that communicatively couples the compartment to an atmosphere surrounding an exterior of the ink reservoir;
 - a second labyrinth vent disposed in the cover or in a wall of the body that is opposite the cover that communicatively couples the compartment to the atmosphere surrounding the exterior of the ink reservoir; and
 - a hydrophilic capillary medium located within the compartment for containing ink and acting to prevent the ink from leaking through an outlet of the ink reservoir.
17. The ink reservoir of claim 16, further comprising a third labyrinth vent disposed in the cover when the second labyrinth vent is disposed in the wall, wherein the third labyrinth vent communicatively couples the compartment to the atmosphere surrounding the exterior of the ink reservoir.
18. The ink reservoir of claim 16, wherein a fiber direction of the hydrophilic capillary medium is substantially perpendicular to the first and second vents.

19. An ink reservoir comprising:
means for directing at least two airflows substantially simultaneously into a compartment of the ink reservoir from an atmosphere surrounding an exterior of the ink reservoir when a pressure of the atmosphere is greater than a pressure in the compartment and substantially simultaneously from the compartment to the atmosphere when the pressure of the atmosphere is less than the pressure in the compartment.
20. The ink reservoir of claim 19, wherein the airflow directing means comprises a first vent for a first airflow and a second vent for a second airflow.
21. The ink reservoir of claim 20, wherein the airflow directing means further comprises a third vent for a third airflow.
22. An ink-deposition system comprising:
a print head;
an ink reservoir fluidly coupled to the print head, the ink reservoir comprising:
at least one compartment; and
first and second vents that communicatively couple the compartment to an atmosphere surrounding an exterior of the ink reservoir.; and
a capillary medium located within the compartment for containing ink and acting to prevent the ink from leaking through orifices of the print head.
23. The ink-deposition system of claim 22, wherein the capillary medium is of a hydrophilic material.

24. The ink-deposition system of claim 22, wherein the first and second vents are disposed in a cover of the ink reservoir.
25. The ink-deposition system of claim 24, further comprising a third vent disposed in a wall of the ink reservoir that is opposite the cover, wherein the third vent communicatively couples the compartment to the atmosphere surrounding the exterior of the ink reservoir.
26. The ink-deposition system of claim 22, wherein the first vent is disposed in a cover of the ink reservoir and the second vent is disposed in a wall of the ink reservoir that is opposite the cover.
27. The ink-deposition system of claim 22, wherein a flexible conduit fluidly couples the ink reservoir to the print head.
28. A method for venting an ink reservoir, the method comprising:
 - passing a first vent hole through a cover of the ink reservoir into a compartment of the ink reservoir;
 - forming a first elongated vent path in the cover between an atmosphere surrounding an exterior of the ink reservoir and the first vent hole for communicatively coupling the first vent hole to the atmosphere;
 - passing a second vent hole through the ink reservoir into the compartment; and
 - forming a second elongated vent path in the ink reservoir between the atmosphere and the second vent hole for communicatively coupling the second vent hole to the atmosphere.
29. The method of claim 28, wherein passing a second vent hole through the ink reservoir into the compartment comprises passing the second vent hole through the cover or through a wall of the ink reservoir that is opposite the cover.

30. The method of claim 29, wherein forming the second elongated vent path in the ink reservoir comprises forming the second elongated vent path in the cover when the second vent hole is passed through the cover or forming the second elongated vent path in the wall when the second vent hole is passed through the wall.
31. The method of claim 30, further comprising:
passing a third vent hole through the cover into the compartment of the ink reservoir when the second vent hole is passed through the wall; and
forming a third elongated vent path in the cover between the atmosphere and the third vent hole for communicatively coupling the third vent hole to the atmosphere.
32. A method for venting an ink reservoir, the method comprising:
directing first and second airflows substantially simultaneously into a compartment of the ink reservoir from an atmosphere surrounding an exterior of the ink reservoir when a pressure of the atmosphere is greater than a pressure in the compartment; and
directing the first and second airflows substantially simultaneously from the compartment to the atmosphere when the pressure of the atmosphere is less than the pressure in the compartment.
33. The method of claim 32, wherein:
directing the first air flow comprises directing the first airflow through a first labyrinth vent disposed in a cover of the ink reservoir; and
directing the second air flow comprises directing the second airflow through a second labyrinth vent disposed in the cover or directing the second airflow through a second labyrinth vent disposed in a wall of the ink reservoir that is opposite the cover.

34. The method of claim 32, further comprising:

directing a third airflow into the compartment from the atmosphere substantially simultaneously with the first and second airflows when a pressure of the atmosphere is greater than a pressure in the compartment; and

directing the third airflow from the compartment to the atmosphere substantially simultaneously with the first and second airflows when the pressure of the atmosphere is less than the pressure in the compartment;

wherein directing the first and second airflows comprises respectively directing the first and second airflows through first and second vents disposed in a cover of the ink reservoir; and

wherein directing the third airflow comprises directing the third airflow through a third vent disposed in a wall of the ink reservoir that is opposite the cover.